



# Universe

"Voice of Brigham Young University Community"

12, No. 180

Wednesday, March 2, 1960

Provo, Utah

## Civil Rights 'Talkathon' Gets Refuel

WASHINGTON, March 2 — (U) — Wordy speeches are the austerous senators' sporting. The quorum call is the day punch.

atory keeps the battle go. Each quorum call could end the required majority of 51 ators can't be found.

THE CURRENT filibuster, then Senators demand a rum call and then make them scarce. At least two Southers remain around to protect interest. This places the en on the civil rights adies to produce the 49 other bers.

ut is why 12 quorum calls end the first 36 hours of nd-the-clock debate on civil is. That is why there will ore as the filibuster wears

UNDER SENATE rules and edents, any Senator can a quorum call whenever es the floor. His request is to the secretary dur through a roll call.

a majority of the Senate's members finally fails to up (and here is the filive's delight) the Senate to nothing but adjourn, and round-the-clock schedule is en.

IE CURRENT Talkathon about 18 Southerners ing a parliamentary cam delay—and avoid if posa note on a civil rights Under the battle orderd by Senate leaders talk is endless because the ill will vote when their orases.

The Southerners talk and then their speaker sugthe absence of a quorum.



Rodney Turner . . . to chairman department in religion area.

Dr. Ralph Rollins . . . appointed Civil Engineering chairman.

## Y Puts Rollins, Turner At Head of Departments

Two new department chairmen will begin their jobs at the end of the current school year.

Announced by President Ernest L. Wilkinson, the two are Dr. Ralph Rollins and Asst. Prof. Rodney Turner. Dr. Rollins will take over the job of Civil Engineering Dept. chairman and Prof. Turner will be chairman of the LDS Theology, Church Organization and Administration Dept.

THE TWO have been appointed in conjunction with the university's policy of rotating department chairmanships. Byron Dore and Dean K. Fuhrman are the present department chairmen.

Dr. Rollins, who is now an associate professor of civil engineering, was awarded his bachel

or of science degree in 1941 and his master of science in 1948, both from Utah State University.

FROM 1948 TO 1950 Dr. Rollins was an assistant professor of civil engineering at Colorado State University. For the five years following that he was a research assistant and then a research professor at Iowa State College. He received his doctorate from Iowa State College in 1954.

Before coming to BYU, Dr. Rollins was an associate professor of civil engineering at University of Utah. In World War II he served as a captain in the Army Engineers Corps.

TURNER, WHO is presently an assistant professor of religion, was born in Norfolk, Va., one of a family of 10 children. He received his B.A. from BYU in 1949 and his M.A. in 1953 in Bible and Modern Scripture. He is now completing doctoral work at the University of Southern California.

Turner, who is a frequent participant in Leadership Week at BYU, was a seminary teacher in Mesa, Ariz., from 1949 to 1953 and a seminary principal in Cedar City, from 1953 to 1955. He came to BYU as an instructor of religion in 1955 and became an assistant professor in 1959.

## Light in Smith Auditorium . . .

## Symphony Orchestra Features Students in Three Concertos

"Essay for Orchestra," a composition by Samuel Barber, was the first presentation at tonight's concert given by the um Young University Symphony Orchestra.

THE NUMBER is one of five major works to be performed 8:15 p.m. in the Smith Auditorium by the 70-piece orchestra. Conducting will be Lawrence Sardon.

Three soloists appearing with the symphony include on Sofer, Elaine Hales and Woodruff. Sofer is solo the Handel harp concerto Hales is being featured by a trumpet concerto. Woodruff is soloist with the orchestra the Schumann piano concerto.

mpathy in B Minor," will be final work of the evening. Helkki Suolahti, a Finnish composer, Suolahti wrote the work at the age three months before he died.

R BYU Symphony Orchestra under Maestro Sardon will be first to perform this in San Francisco in 1951. Then, it has been performed throughout the world.

rogram is one of five presented each night on the campus. Masterpieces of instrumental and vocal music will continue to be heard Friday's conclusion of the musical activities.

## Ike Winds Up 'Amigo' In Prosperous Uruguay

SANTIAGO, Chile, March 2 — (UPI)—President Eisenhower begins the final phase of "Operation Amigo" today by flying to Uruguay, the smallest country in South America and one so prosperous it neither needs nor wants U.S. aid.

THE LEFTIST-MANIPULATED Uruguayan Federation of University Students called a protest rally tonight in Montevideo but it was expected to be a peaceful one and the one million residents of Montevideo were prepared to give Eisenhower one of his greatest welcomes.

## Russian Head In Final Phase Of Asian Tour

KABUL, Afghanistan, March 2 — (UPI)—Soviet Premier Nikita Khrushchev with an escort of Afghanistan MIG-17 fighter planes landed here today on a flight from Calcutta, last leg of his tour of Asian nations.

He was met by King Mohammad Zahir, the Prime Minister and Foreign Minister and Soviet officials, and given a 21-gun salute. Afghanistan and Soviet children handed him bouquets of flowers.

HE DROVE INTO town from the airport for brief talks before resuming his flight to Moscow. In his one-day visit to Calcutta he had conferred with Indian and Burmese leaders.

Indian Prime Minister Jawaharlal Nehru and U Nu, who is scheduled to become Burma's Premier again in the near future, came to Dun Dun airport to bid the Soviet leader farewell. The three met for private talks here yesterday, after Khrushchev returned from a 12-day tour of Indonesia.

SUBJECT OF THEIR talks was not announced but they were believed to have discussed Communist China, with which India is engaged in a lengthy border dispute.

There were reports today Nehru might go to Moscow.

Eisenhower bade farewell last night to Chilean President Jorge Alessandri Rodriguez after a formal state banquet and a joint pledge to work to solve the economic problems of the hemisphere and to seek a limitation on arms purchases in South America.

BARRING UNEXPECTED outbursts in Montevideo, the President was winding up his epochal four-nation tour without encountering a single serious outburst of Anti-Americanism forecast before he left Washington ten days ago.

Eisenhower, Secretary of State Christian A. Herter and the large U.S. delegation were flying over the Andes to spend less than 24 hours in Montevideo with Benito Nardone, who rotates as acting president with eight other members of the ruling National Council of Government.

Mandone, 53, the son of an immigrant Italian port worker, took office only yesterday. He is one of three leaders of the Partido Blanco which the president broke a 98-year-old hold the Colorado Party had on Uruguay's government.

URUGUAY, ABOUT the size of South Dakota, is nestled between Argentina and Brazil. It is a prosperous country of farmers and its capital of Montevideo is one of the most beautiful in the world, a city of broad tree-lined streets and sidewalk cafes that remind one of Paris.

Although lent began today its citizens were still in a holiday spirit for the Eisenhower visit and prepared a gala welcome.

Before Eisenhower started his 15,500-mile South American trip there were public forecasts and secret machinations to the effect that Anti-Americanism might bust upon the President south of the equator.

## Band Changes Tempo, Plays Serious Works

The Variety Band, whose pep music is familiar at basketball games, tomorrow evening will turn to more serious works in their spring concert.

The evening of music will begin at 8:15 p.m. in Smith Auditorium. The concert is free, and seats are not reserved.

UNDER THE BATON of Clifford Madsen, the group will perform two important works, "The Hidden Fortress" by Donato and "Tocatta" by Gerolamo.

Following the tradition that bands play marches even in concerts, the band will offer "Jubilee Concert March" by George Kerney and march king John Philip Sousa's "Finest of the Fair." They will also play selections from the ever-popular "Oklahoma."

SOLOIST will be clarinetist Kenneth Jensen, who will be accompanied by the band in "Adagio—Tarantella," by Cavallini-Wald.

Jensen is a junior from Klamath Falls, Ore. Last year he played in the nationally-known "Claude Gordon" dance band. He currently plays oboe and English horn in Symphony Orchestra and Concert Band.

DIRECTOR Cliff Madsen is a graduate student working on his master's degree at Prine. He has studied at Brigham Young University, the Eastman School of Music in Rochester, New York, and in Los Angeles and New York.

The Variety Band, which is 60-strong both on the football field and the concert stage, is principally a concert band. Marching and providing pep at games is a secondary purpose.

## Registration Easier? Ha!

Students may seem harried, but registration officials say that registration is going "very smoothly."

Don Nelson of the registration office said that workers are "really satisfied" and that if students will "stick to the alphabetical schedule, things will work out well."

ONE TIE-UP has been in foreign student clearance, however, officials say. All foreign students must go to the office of Dean Ariel Ballif, foreign student adviser, and get his signature on their registration paper before they can poll class cards in the Smith Bldg.

Students who drive cars must also remember to clear through Traffic and Security before they can finalize.

BEFORE STUDENTS can fin

alize registration they must have the signatures of their advisers and deans on the trial registration slip. They must also pay fees the day they register.

This is done by picking up the spring quarter activity card in the lobby of the Maeser Bldg. and having the card validated by paying either the full \$65 tuition and fees or a \$25 deposit at the cashier's office in the basement of Maeser Bldg.

REGISTRATION will not take place during assemblies Monday, Wednesday or Friday, and any student who fails to register during his scheduled time must register after March 11 and pay a late fee.

Cooperating teachers, student teachers and nurses who are not in town will be allowed to register Saturday from 8 a.m. to noon.

ROUGH REGISTRATION for one BYU student who shows the effects of pre-registration lines.

## Y Scientists Launch 'Beetle Battle'

Brigham Young University is up against a bark beetle, a tiny insect about one-fourth of an inch long, which kills more trees in Western America each year than are killed by all the forest fires in the United States in a year's time.

WHILE FOREST SERVICE fights this pest on the front line with spraying, burning and cutting, BYU scientists are engaged in a laboratory battle to discover more about the forms, habits and distribution of the menace.

Dr. Stephen L. Wood, assistant professor of zoology and en-

tomology, has recently received a \$14,300 National Science Foundation research grant to make a systematic study of bark beetles.

The beetles, which according to Dr. Wood, "look very insignificant—but aren't," attack a tree and burrow under the bark to the living part of the tree. Then they tunnel up the tree depositing their eggs as they go.

The larvae that hatch from the eggs form laterally from the sides of the tunnel until eventually the entire trunk of the tree is infested and the tree dies.

THE TREES attacked include pines, spruces and Douglas fir. They are the principal trees used for lumber. In Utah, over six billion board feet of ponderosa pine, Engelmann spruce and lodgepole pine are presently threatened by bark beetles. Currently the value of this much lumber is \$50,000,000.

Utah Forest officials recently announced that with chemicals they have checked a bark beetle infestation which reached the epidemic stage in the Soapstone Basin area of the state.

The principal emphasis of Dr. Wood's work will be on the construction of tunnels, egg deposition and emergence of individual beetles that may indicate genetic changes occurring in the beetles themselves. Attention will also be given to geographical distribution and morphology of these insects.

Preliminary observations of the bark beetles which Dr. Wood has made, indicate that perhaps some of the species, heretofore identified separately, are actually one and the same species. For instance, the spruce bark beetles, currently known by at least four different names, appear to be one species.

"Distributional patterns of the beetles and the observations of forest entomologists familiar with the species involved tend to substantiate these preliminary observations," Dr. Wood said.

THIS SPRING, Dr. Wood and graduate assistant Donald E. Bright Jr., will begin their active field work. The project which will take three years to complete, will take the scientists to the U. S. National Museum in Washington, D. C., during the last year of the study to check holotypes of the species being studied and to record distributional data from the large collections housed there.

Dr. Wood has been actively engaged in the study of bark beetles for 14 years and is recognized as a world authority on the insects.



DR. WOOD

### Campus Quickies . . .

#### Freshmen Schedule Interviews For Class Newspaper Workers

Interviews will be held Thursday from 3 to 5 p.m. for freshmen interested in working on the Freshman Class Newspaper. A notice will be posted on the bulletin board in the basement of the Student Service Center announcing rooms where interviews will be held.

#### AWS Positions Open

Applications for next year's Associated Women Students Council members will be avail-

able in the AWS office Monday. According to the Committee, these forms must be completed by March 18 and the council will be chosen during the week of March 21.

"Any girl with experience, who has a keen interest and enthusiasm for the work are encouraged to apply," an AWS spokesman said.

Hours for appointments will be posted on the AWS bulletin board in the basement of Clark Student Service Center.



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### Hill Cumorah Pageant Forms Available to Qualified Students

Applications for those wishing to participate in the annual production, The Hill Cumorah Pageant, entitled "America's Witness for Christ," are now available in the Speech and Dramatic Arts Dept. The Pageant will take place Aug. 4-6.

TO QUALIFY, A student must observe standards of the Church of Jesus Christ of Latter-day Saints and be able to obtain a recommendation from his bishop. Students from BYU and other campuses work directly under the Eastern States Mis-

sion and are expected to observe the same rules as full time missionaries.

Applications will be accepted from both men and women; those who are not in the will serve on technical crew, change of make-up, costuming and scenery.

SUMMER SCHOOL students may also participate in the Pageant. The trip usually lasts two weeks and six credit hours be obtained through participation.

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# The Stagline

by Howard Hill



Spending 264 hours in the Church coal mine in Emery county recently was a creditable project put forth by Tau Sigma Sigma. Larry Regis, Tau Sigma alumni of 1959, organized the project along with active members Ed Young, Kent Harrison, resident Dave Adams and Bud Campbell.

Sleeping quarters and food were provided by a local ward.

Saxons and their dates really had a feast at the unit's first formal held at Maple Valley Inn last weekend. The meal was buffet style, included turkey, ham, sword fish, chili, meats, chipped beef steak, cheese, various types of salads, appetizers, bread and a huge cake with the theme of the formal "Knights of Gourmand" written on it.

Verland Whipple, co-producer of Destiny Productions, and former BYU student, was on campus last week with a film of coming television series, which is a situation comedy. Some well known Hollywood actors and actresses are playing in the roles. The film that Whipple had with him featured the from the "Topper" series.

According to Whipple, the studio has a sponsor lined up for the show and the series will probably begin sometime next

KBYU-FM will go on the air sometime this month. The change over from the former AM operation has a definite advantage in that coverage will be of a greater area. The station's signal will reach just about all of Provo and parts of Orem.

Hours of broadcasting will be from 6 to 10 p.m., Monday through Friday. The basic format will be dinner music from 6-7, and classical music from 8:30-10. A wide variety of programs will be heard between 7 and 8:30.

The Program Bureau's recent week long trip to Northern California was very entertaining for the performers themselves. They visited Sausalito and the way to California. A Helsinki, who sings with the "Highbells Trio," talked in many of the winter athletes from her native Finland.

The group visited the College of Pacific campus in Stockton, where Bing Crosby and Fabian are making a movie. When the U students went to Mare Island Naval Yard, they were given the Ballistic Missile Nuclear Sub, Theodore Roosevelt.

Only drawback of the journey came when singer Bill Sego the flu and had to miss the last two performances.

The entertainers performed before 8,650 people in 12 weeks.

## Counseling Offers Springtime Reading Improvement Courses

Courses in reading improvement will again be offered by the Reading Service spring quarter. Students are admitted to the courses on the basis of their desire for improvement and upon results of the Diagnostic Reading Test, according to the Reading Service.

Emphasis will be placed on helping students to become faster and more efficient readers and to read effectively with written material. Efficiency and confidence in reading are seen as being part of the student's total adjustment

to college, a Service spokesman said.

The classes are free and offer no academic credit, but students are expected to purchase a reading manual at \$3.

The following schedule has been set for reading tests during the next two weeks: Monday at 2 p.m., Tuesday at 10 a.m., Wednesday at 9 p.m. and Thursday at 1 p.m. If students are unable to go at one of these times, they should make special arrangements with the testing division at the Counseling Service.

## Moon Far? Y 'Scope' Says 'No'

by Chris Allred  
Universe Feature Editor

The moon is only 300 miles away from Provo at its closest point of orbit . . . when viewed through the 24 inch telescope in the Brigham Young University observatory on top of the Eyring Science Center.

Installed this summer, it is really three telescopes in one plus a camera, and can magnify objects from the 90th power to the 1,400th power.

THE HIGH magnifying qualities of the "scope" can bring celestial bodies within an easier study range, says Delbert H. McNamara, associate professor of physics who has charge of the \$40,000 instrument.

Both the reflecting or Cassegrain focus and the reflecting or Newtonian focus are located on the telescope. It also has a six-inch refractor telescope attached which is used to guide the larger instrument and gives images of stars and planets fine definition.

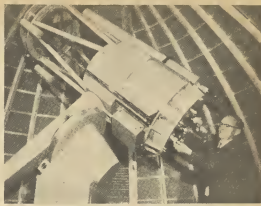
A MECHANICAL operation enables the "scope" to be set to track stars and moves the instrument to keep pace with them as they travel across the sky.

Perhaps the most significant operation of the instrument is the use of a reflector corrector attachment which converts the visual telescope to a wide angle field camera. The attachment enlarges the original view 40 times and photographs it.

THE ATTACHMENT takes a photograph of 25 square degrees of the sky on a plate seven square inches. This attachment makes the telescope one of the most versatile instruments in the world.

A concave 24 inch mirror set at one end of the scope is what makes the instrument such a powerful magnifier. The mirror has a hole in the center through which reflected light is transmitted to a smaller lens and again reflected to the eyepiece to be observed by the viewer.

The telescope is used for exacting research in astronomy and for use in public demonstrations.



STELLAR SEARCHER—Physics and mathematics professor Delbert H. McNamara adjusts the 24-inch Brigham Young University telescope which is located in the Eyring Science Center.

## Rex Lee Praises Unity, 'Big' Plans Of Y Frosh Class

The "unequaled unity and bigness of plans and scope" of the freshman class were praised by studentbody president Rex Lee at a cabinet meeting Monday.

Speaking to the cabinet members were Lee; Honor Council president John Hunter and sophomore class president John Bingham.

LEE EXPLAINED BYU student government and the functions of each organization, and Hunter clarified operational procedures of the Honor Council and said it is the responsibility of the council to "let the people of BYU enjoy an atmosphere of honesty."

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